

**CLAIMS**

What is claimed is:

- 1           1.       A method of using a computer system to generate reports, comprising:
  - 2           populating a database with collected commerce information, said collected commerce
  - 3           information including conditional purchase offers submitted by buyers, said conditional
  - 4           purchase offers including,
  - 5           buyer-specified offer prices for goods or services, for use as a basis for determining
  - 6           levels of demand for the goods or services;
  - 7           receiving a request specifying criteria for selecting collected commerce information, said
  - 8           criteria generated from a user's selections made within a user interface;
  - 9           selecting demand information from collected commerce information based on the user's
  - 10          selections; and
  - 11          generating a report of the demand information for the goods or services based on the
  - 12          user's selections, wherein the demand information includes current demand levels for the
  - 13          goods or services.
- 1           2.       The method of claim 1, wherein said criteria for selecting collected commerce
- 2           information includes targeted demand levels for the goods or services.

1           3.       The method of claim 2, further comprising,  
2           calculating suggested strike prices at targeted demand levels based on the requested  
3           targeted demand levels,  
4           wherein the strike price is a minimum price at which a conditional purchase offer will  
5           be accepted; and  
6           transmitting the suggested strike prices in response to the request specifying targeted  
7           demand levels for the goods or services.

1           4.       The method of claim 1, wherein the computer system is accessible at a  
2           traversed navigation location and provides facilities tailored for a commerce system.

1           5.       The method of claim 4, wherein the computer system is tailored for air travel  
2           commerce.

1           6.       The method of claim 4, wherein the computer system is tailored for hotel  
2           commerce.

1           7.       The method of claim 1, wherein the database is from an associated commerce  
2           system.

1           8.       The method of claim 7, wherein the database association is based on login  
2           information.

1           9.       The method of claim 7, wherein the database association is preset based on a  
2           tailored commerce system.

1           10.      The method of claim 7, wherein the database association is limited to  
2           databases specific to a provider.

1           11.     The method of claim 7, wherein the associations are based on selection results  
2     made in a database selection facility.

1           12.     The method of claim 1, wherein selecting demand information is limited to a  
2     specified vendor.

1           13.     The method of claim 1, wherein selecting demand information is limited to  
2     cached rejected CPOs.

1           14.     The method of claim 1, wherein selecting demand information is limited to  
2     unaccepted unexpired CPOs.

1           15.     The method of claim 1, wherein selecting demand information is limited to  
2     pending CPOs.

1           16.     The method of claim 1, wherein selecting demand information includes  
2     accepted CPOs.

1           17.     The method of claim 1, wherein selecting demand information includes  
2     historic demand information.

1           18.     A computer program stored on a computer readable medium, the program,  
2     comprising:

3           a module to populate a database with collected commerce information, said collected  
4     commerce information including conditional purchase offers submitted by buyers, said  
5     conditional purchase offers including,

6           buyer-specified offer prices for goods or services, for use as a basis for to determine  
7     levels of demand for the goods or services;

8           a module to receive a request specifying criteria for selecting collected commerce  
9     information, said criteria generated from a user's selections made within a user interface;

10          a module to select demand information from collected commerce information based on  
11     the user's selections; and

12          a module to generate a report of the demand information for the goods or services based  
13     on the user's selections, wherein the demand information includes current demand levels for  
14     the goods or services.

1           19.     The medium of claim 18, wherein said criteria for selecting collected  
2     commerce information includes targeted demand levels for the goods or services.

1           20.    The medium of claim 19, further comprising,  
2           calculating suggested strike prices at targeted demand levels based on the requested  
3           targeted demand levels,  
4           wherein the strike price is a minimum price at which a conditional purchase offer will  
5           be accepted; and  
6           transmitting the suggested strike prices in response to the request specifying targeted  
7           demand levels for the goods or services.

1           21.    The medium of claim 18, wherein the computer system is accessible at a  
2           traversed navigation location and provides facilities tailored for a commerce system.

1           22.    The medium of claim 21, wherein the computer system is tailored for air  
2           travel commerce.

1           23.    The medium of claim 21, wherein the computer system is tailored for hotel  
2           commerce.

1           24.    The medium of claim 18, wherein the database is from an associated  
2           commerce system.

1           25.    The medium of claim 24, wherein the database association is based on login  
2           information.

1           26.    The medium of claim 24, wherein the database association is preset based on a  
2           tailored commerce system.

1           27.    The medium of claim 24, wherein the database association is limited to  
2           databases specific to a provider.

1           28.     The medium of claim 24, wherein the associations are based on selection  
2 results made in a database selection facility.

1           29.     The medium of claim 18, wherein selecting demand information is limited to  
2 a specified vendor.

1           30.     The medium of claim 18, wherein selecting demand information is limited to  
2 cached rejected CPOs.

1           31.     The medium of claim 18, wherein selecting demand information is limited to  
2 unaccepted unexpired CPOs.

1           32.     The medium of claim 18, wherein selecting demand information is limited to  
2 pending CPOs.

1           33.     The medium of claim 18, wherein selecting demand information includes  
2 accepted CPOs.

1           34.     The medium of claim 18, wherein selecting demand information includes  
2 historic demand information.

1           35.    An apparatus, comprising:  
2           a processor;  
3           a memory, disposed in communication with said processor; and  
4           a program, stored in the memory, including,  
5           a module to populate a database with collected commerce information, said collected  
6           commerce information including conditional purchase offers submitted by buyers, said  
7           conditional purchase offers including,  
8           buyer-specified offer prices for goods or services, which may be used as a  
9           basis for to determine levels of demand for the goods or services;  
10          a module to receive a request specifying criteria for selecting collected commerce  
11          information, said criteria generated from a user's selections made within a user interface;  
12          a module to select demand information from collected commerce information based  
13          on the user's selections; and  
14          a module to generate a report of the demand information for the goods or services  
15          based on the user's selections, wherein the demand information includes current demand  
16          levels for the goods or services.

1           36.    The apparatus of claim 35, wherein said criteria for selecting collected  
2           commerce information includes targeted demand levels for the goods or services.

1           37.     The apparatus of claim 36, further comprising,  
2           calculating suggested strike prices at targeted demand levels based on the requested  
3           targeted demand levels,  
4           wherein the strike price is a minimum price at which a conditional purchase offer will  
5           be accepted; and  
6           transmitting the suggested strike prices in response to the request specifying targeted  
7           demand levels for the goods or services.

1           38.     The apparatus of claim 35, wherein the computer system is accessible at a  
2           traversed navigation location and provides facilities tailored for a commerce system.

1           39.     The apparatus of claim 38, wherein the computer system is tailored for air  
2           travel commerce.

1           40.     The apparatus of claim 38, wherein the computer system is tailored for hotel  
2           commerce.

1           41.     The apparatus of claim 35, wherein the database is from an associated  
2           commerce system.

1           42.     The apparatus of claim 41, wherein the database association is based on login  
2           information.

1           43.     The apparatus of claim 41, wherein the database association is preset based on  
2           a tailored commerce system.

1           44.     The apparatus of claim 41, wherein the database association is limited to  
2           databases specific to a provider.



1           45.     The apparatus of claim 41, wherein the associations are based on selection  
2 results made in a database selection facility.

1           46.     The apparatus of claim 35, wherein selecting demand information is limited to  
2 a specified vendor.

1           47.     The apparatus of claim 35, wherein selecting demand information is limited to  
2 cached rejected CPOs.

1           48.     The apparatus of claim 35, wherein selecting demand information is limited to  
2 unaccepted unexpired CPOs.

1           49.     The apparatus of claim 35, wherein selecting demand information is limited to  
2 pending CPOs.

1           50.     The apparatus of claim 35, wherein selecting demand information includes  
2 accepted CPOs.

1           51.     The apparatus of claim 35, wherein selecting demand information includes  
2 historic demand information.

1           52.     A system for using a computer to generate reports, comprising:  
2           means to traverse a navigation location for a commerce demand system;  
3           means to obtain login information;  
4           means to identify at least one database associated with the commerce demand system;  
5           means to provide a demand survey facility;  
6           means to obtain a demand survey request in the demand survey facility;  
7           means to query the associated databases based on the demand survey request;  
8           means to rank query results;  
9           means to format the ranked query results;  
10          means to provide the formatted query results.

1           53.     The system of claim 52, wherein the commerce demand system at the  
2           traversed navigation location provides facilities tailored for the commerce system.

1           54.     The system of claim 52, further comprising,  
2           means to provide a desired demand requirement facility;  
3           means to obtain a desired demand requirement request in the desired demand requirement  
4           facility, wherein the desired demand requirement facility suggests a strike price and projected  
5           demand levels based on obtained demand requirement information;  
6           means to update the strike price to induce actual provision demand to match desired  
7           provision demand.

1           55.     The system of claim 53, wherein the tailored commerce demand system is an  
2           air travel commerce demand system.

1           56.     The system of claim 53, wherein the tailored commerce demand system is a  
2 hotel commerce demand system.

1           57.     The system of claim 52, wherein the associated database is from an associated  
2 commerce system.

1           58.     The system of claim 52, wherein the database association is based on login  
2 information.

1           59.     The system of claim 53, wherein the database association is preset based on a  
2 tailored commerce system.

1           60.     The system of claim 52, wherein the database association is limited to  
2 databases specific to a provider.

1           61.     The system of claim 52, wherein the associations are based on selection  
2 results made in a database selection facility.

1           62.     The system of claim 52, wherein a database schema is read from the  
2 associated database.

1           63.     The system of claim 52, wherein associated tables from the schemas are  
2 identified.

1           64.     The system of claim 52, wherein the demand survey facility obtains demand  
2 facility presentation information from the associated database.

1           65.     The system of claim 64, wherein the obtained demand facility presentation  
2 information for the demand survey facility from the associated database is a list of airplane  
3 types.

1           66.     The system of claim 64, wherein the obtained demand facility presentation  
2 information for the demand survey facility from the associated database is a list of hotel  
3 room types.

1           67.     The system of claim 54, wherein the desired demand requirement facility is  
2 webform.

1           68.     The system of claim 54, wherein the desired demand requirement request  
2 includes the strike price.

1           69.     The system of claim 54, wherein the desired demand requirement request  
2 includes targeted demand levels for goods or services.

1           70.     The system of claim 52, wherein querying the associated databases based on a  
2 demand survey request is limited to a specified vendor.

1           71.     The system of claim 52, wherein querying the associated databases based on a  
2 demand survey request is limited to cached rejected CPOs.

1           72.     The system of claim 52, wherein querying the associated databases based on a  
2 demand survey request is limited unaccepted unexpired CPOs.

1           73.     The system of claim 52, wherein querying the associated databases based on a  
2 demand survey request is limited to pending CPOs.

1           74.     The system of claim 52, wherein querying the associated databases based on  
2 demand survey request includes accepted CPOs.

1           75.     The system of claim 52, wherein querying the associated databases based on  
2 demand survey request includes historic demand information.

- 1           76.    A system for using a computer to generate reports, comprising:
- 2           means to traverse a navigation location for a commerce demand system;
- 3           means to obtain login information;
- 4           means to provide a desired demand requirement facility;
- 5           means to obtain desired demand requirement request in the desired demand requirement
- 6   facility;
- 7           means to identify at least one associated database;
- 8           means to query the associated databases based on the demand survey request;
- 9           means to obtain current demand results;
- 10          means to compare current demand results to desired demand requirement request;
- 11          means to lower strike prices if the current demand results is less than the desired demand
- 12   requirement request;
- 13          means to maintain strike prices unmodified if the current demand results is the same as
- 14   the desired demand requirement request;
- 15          means to raise strike prices if the current demand results is greater than the desired
- 16   demand requirement request.

1           77.     A system for using a computer to generate reports, comprising:

2           means to traverse a navigation location for a commerce demand system;

3           means to obtain login information;

4           means to provide a desired demand requirement facility;

5           means to obtain desired demand requirement request;

6           means to update the strike price.

1           78.     A system for using a computer to generate reports, comprising:

2           means to obtain current demand results;

3           means to query an associated databases based on the demand survey request;

4           means to compare current demand results to the desired demand requirement request;

5           means to lower strike prices if the current demand results is less than the desired demand  
6           requirement request;

7           means to raise strike prices if the current demand results is greater than the desired  
8           demand requirement.

1           79.     A memory for access by a program module to be executed on a processor,  
2           comprising:

3           a data structure stored in the memory, the data structure comprising:

4           a provision type;

5           a strike price for the provision type;

6           a desired level of demand type for the provision type.

1           80.     The data structure of claim 79, further comprising a provider type.

1           81.     The data structure of claim 79, further comprising an associated consumer  
2 demand system type.

1           82.     The data structure of claim 79, further comprising a quantity limit type for  
2 available provisions.

1           83.     The data structure of claim 79, further comprising an expiration date for the  
2 provision type.

1           84.     The data structure of claim 79, further comprising an expiration date for the  
2 strike price.

1           85.     The data structure of claim 79, further comprising an expiration date for the  
2 desired level of demand.

1           86.     The data structure of claim 79, wherein the provision type includes all  
2 provisions.

1           87.     The data structure of claim 79, wherein the provision type includes groups of  
2 provisions.

1           88.     A memory for access by a program module to be executed on a processor,  
2 comprising:

3           a data structure stored in the memory, the data structure comprising:

4           a conditional purchase offer type;

5           an expiration date for the conditional purchase offer.

1           89.     A method of using a computer system to generate reports, comprising:  
2           populating a database with collected information;  
3           receiving a request specifying criteria for selecting desired portions of collected  
4           information, said criteria generated from a user's selections made within a user interface;  
5           selecting desired portions of collected information based on the user's specified criteria;  
6           and  
7           generating a report of results of desired portions of collected information from the  
8           information selected based on the user's specified criteria.

1           90.     The method of claim 89, wherein the collected information is related to  
2           commerce.

1           91.     The method of claim 89, wherein the collected information is related to  
2           demand.

1           92.     The method of claim 89, wherein said criteria for selecting collected  
2           commerce information includes targeted demand levels for the goods or services.

1           93.     The method of claim 93, further comprising,  
2           calculating suggested strike prices at targeted demand levels based on the requested  
3           targeted demand levels,  
4           wherein the strike price is a minimum price at which a conditional purchase offer will  
5           be accepted; and  
6           transmitting the suggested strike prices in response to the request specifying targeted  
7           demand levels for the goods or services.



1           94.     The method of claim 89, wherein the computer system is accessible at a  
2 traversed navigation location and provides facilities tailored for a commerce system.

1           95.     The method of claim 94, wherein the computer system is tailored for air travel  
2 commerce.

1           96.     The method of claim 94, wherein the computer system is tailored for hotel  
2 commerce.

1           97.     The method of claim 89, wherein the database is from an associated  
2 commerce system.

1           98.     The method of claim 97, wherein the database association is based on login  
2 information.

1           99.     The method of claim 97, wherein the database association is preset based on a  
2 tailored commerce system.

1           100.    The method of claim 97, wherein the database association is limited to  
2 databases specific to a provider.

1           101.    The method of claim 97, wherein the associations are based on selection  
2 results made in a database selection facility.

1           102.    The method of claim 89, wherein selecting demand information is limited to a  
2 specified vendor.

1           103.    The method of claim 89, wherein selecting demand information is limited to  
2 cached rejected CPOs.

1           104.    The method of claim 89, wherein selecting demand information is limited to  
2   unaccepted unexpired CPOs.

1           105.    The method of claim 89, wherein selecting demand information is limited to  
2   pending CPOs.

1           106.    The method of claim 89, wherein selecting demand information includes  
2   accepted CPOs.

1           107.    The method of claim 89, wherein selecting demand information includes  
2   historic demand information.